

## ABSTRACT

A polymer particle coated with silica comprising: a polymer particle derived from a polymerizable vinyl-based monomer; and a silica film covering the polymer particle, which makes a surface of the polymer particle expose so that an aperture ratio of 0.1 to 1 is possessed and a height  $h$  of the silica film and a diameter  $D$  of the polymer particle coated with silica have a relationship of  $0.5 \leq h/D < 1$ , wherein the silica film includes a polyalkoxysiloxane oligomer condensate.